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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on Rail Transport

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PRODUCTIVITY IN RAIL TRANSPORT

Transmitted by the Government of the Russian Federation

RUSSIAN FEDERATION**Replies to the questionnaire on quality indicators of productivity in rail transport**

Indicator	Measure	Benchmark	Reply
Efficient service delivery	Price (US\$ per freight ton km)	Prime cost of transportation	US\$ 0.01
	Price (US\$ per passenger km)	Prime cost of transportation	US\$ 0.02
Service quality	Average train speed (km/h): Passenger trains	Average speed over line section (including stops)	55.3 km/h
		Average speed over line section (excluding stops)	61.4 km/h
	Suburban trains	Average speed over line section (including stops)	41.8 km/h
		Average speed over line section (excluding stops)	50.1 km/h
	Freight trains	Average speed over line section (including stops)	39.0 km/h
		Average speed over line section (excluding stops)	46.8 km/h
% of late arrivals	Total delayed passenger trains, 2004	6 343	
	Total delayed suburban trains, 2004	16 838	
Safety	Train accidents	Per billion gross ton km	1.7
Accessibility	Network density	Route km/km ²	0.005
	Freight turnover	ton km/US\$ GDP	3.5
	Rail share of rail + truck ton km		91%
	Rail passenger km as % of passenger km + ton km (%)		8.6%
Environmental quality	Energy expenditure	kWh per converted ton km	0.03

Indicator	Measure	Benchmark	Reply
Financial sustainability	% of costs covered from internal cash generation	Expenditure/income	91.6%
	Value of assets		US\$ 50 billion
Capital investment	Real return on total gross assets (%)	Profit/value of assets	0.9%
Management	Track operated under slow orders on track and structures:	Prime cost of passenger/freight operations	
	route km		1 283.8 km
	% total km		1.5%
	km travelled per available locomotive/day		538.1
	Ratio of average passenger tariff to average freight tariff US\$ per km) (%)		145.4%
	Average locomotive availability (%)		68.8%
	Average freight and passenger wagon availability (%)		
	Freight wagons		88.6%
Passenger coaches	84.0%		
